

Message

From: Washington, John [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=FDC3E8CE9F1D45C4894881FF420CA104-WASHINGTON, JOHN]
Sent: 6/2/2020 3:15:22 PM
To: Davis, Mary J. [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5a11c3a4da6248dfbaecd3465fe1ebc3-Davis, Mary]
Subject: RE: Legacy Soil Core Data set

No problem . . . smart attention to detail is great!

And believe me, no hurry!

From: Davis, Mary J. <davis.maryj@epa.gov>
Sent: Tuesday, June 2, 2020 11:12 AM
To: Washington, John <Washington.John@epa.gov>
Subject: RE: Legacy Soil Core Data set

Hi John,

That's a good thought. I'll work on implementing. Glad deep soils are only 4 samples 😊

Sorry I'm just discovering all this now! What a mess.

My goal is to have both "correct" data sets to you by the end of the day. I have to fix the field blank issue in the CIPFPECAs as well.

Thanks,

Mary

From: Washington, John <Washington.John@epa.gov>
Sent: Tuesday, June 2, 2020 11:04 AM
To: Davis, Mary J. <davis.maryj@epa.gov>
Subject: RE: Legacy Soil Core Data set

Here is a brainstorming thought:

Ex. 5 Deliberative Process (DP)

Just a thought . . .

From: Washington, John
Sent: Tuesday, June 2, 2020 10:51 AM
To: Davis, Mary J. <davis.maryj@epa.gov>
Subject: RE: Legacy Soil Core Data set

Ex. 5 Deliberative Process (DP)

From: Davis, Mary J. <davis.maryj@epa.gov>
Sent: Tuesday, June 2, 2020 10:37 AM
To: Washington, John <Washington.John@epa.gov>
Subject: RE: Legacy Soil Core Data set

Hi John,

Ex. 5 Deliberative Process (DP)

Maybe I'm missing something...

Mary

From: Washington, John <Washington.John@epa.gov>
Sent: Tuesday, June 2, 2020 10:30 AM
To: Davis, Mary J. <davis.maryj@epa.gov>
Subject: RE: Legacy Soil Core Data set

Yes Mary,

Ex. 5 Deliberative Process (DP)

Good email back from Sandra!

John

From: Davis, Mary J. <davis.maryj@epa.gov>
Sent: Tuesday, June 2, 2020 10:20 AM
To: Washington, John <Washington.John@epa.gov>
Subject: RE: Legacy Soil Core Data set

Hi John,

It's a good thing you hadn't gotten to the data yet... I keep finding things. For example, the latest is that I originally included the field blank along with the process blanks in evaluating LOQ (my thought being that you probably also want the samples to be significant with respect to the field blank)... but looking at your old legacy data sets, I'll just use the Field blank in QA instead.

I do have a question though. In the deep soils, it looks like the sample masses used in the extractions vary a decent amount between sample reps (eg. sample 1.2 used 1.67g dry sample weight while 1.3 used 2.52g sample; sample 2.1 used 1.77g sample while sample 2.3 used 2.97g sample)... this would obviously lead to variation in the concentration in the vials that isn't necessarily reflective of variation in the samples.

As you know, the significance of the concentrations is determined using the concentration in the vials... but given the large variation in dry mass sample used, I'm wondering if it would be better to compute statistics based on the sample concentration? At least for the soil cores.

What are your thoughts?

Thanks!

Mary

From: Washington, John <Washington.John@epa.gov>
Sent: Monday, June 1, 2020 9:03 AM
To: Davis, Mary J. <davis.maryj@epa.gov>
Subject: RE: Legacy Soil Core Data set

Haha Mary, I am replying to your last email. If that's the worst slip you ever do, you will have had a fantastic run.

I haven't had a chance to look at the data yet, sorry. I plan to this week.

From: Davis, Mary J. <davis.maryj@epa.gov>
Sent: Monday, June 1, 2020 8:59 AM
To: Washington, John <Washington.John@epa.gov>
Subject: RE: Legacy Soil Core Data set

Good morning, John!

I apologize for sending all these emails your way this morning. Upon double-checking, I realized that I forgot to subtract process blank concentrations from these legacy concentration values 😞 That was dumb, sorry! I was in part using my previous QA-submitted CIPFECA Veg file as a model, and process blanks weren't an issue there. I'll work on updating that this morning, but did you find anything else that I should correct while I'm at it?

Thanks,

Mary

From: Davis, Mary J.
Sent: Wednesday, May 27, 2020 4:12 PM
To: Washington, John <Washington.John@epa.gov>
Subject: Legacy Soil Core Data set

Hi John!

I've attached the legacy soil core data set for your review. Please let me know what you think might need editing. Of particular note, I did have peaks in a couple of the solvent blanks, but I tried to explain them on the spreadsheet. I wasn't sure what the best way to handle them would be.

Working on cleaning up the CIPFPECA Soil Cores now.

Thanks,

Mary

Mary J. B. Davis, PhD
Chemical Engineer
Post-Doctoral Researcher
U.S. EPA, ORD-CEMM-EPD-CPSB
980 College Station Rd.
Athens, GA 30605
(706) 355-8135